OIPE IAP85
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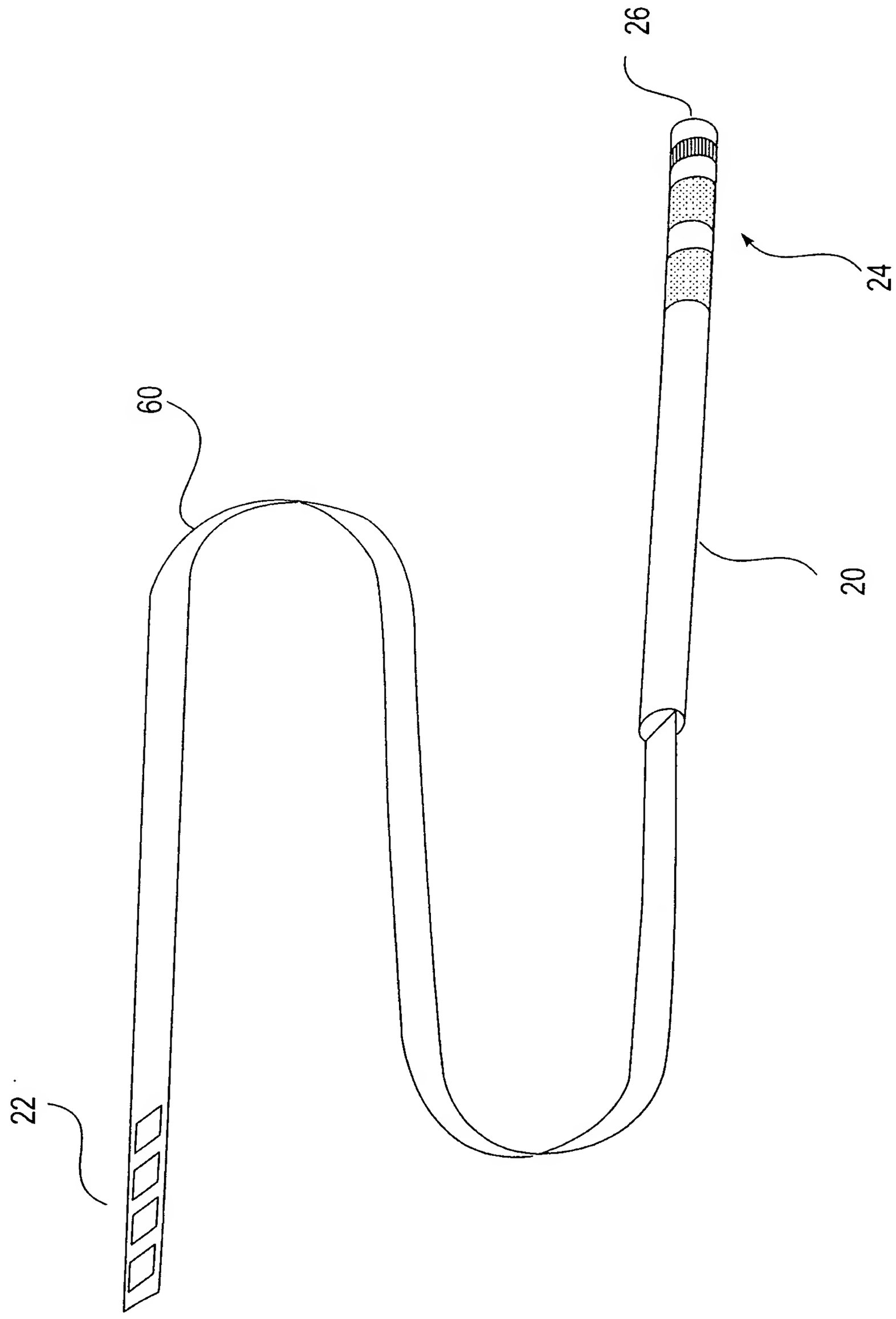
PATENT & TRADEMARK OFFICE

FIG. 6B



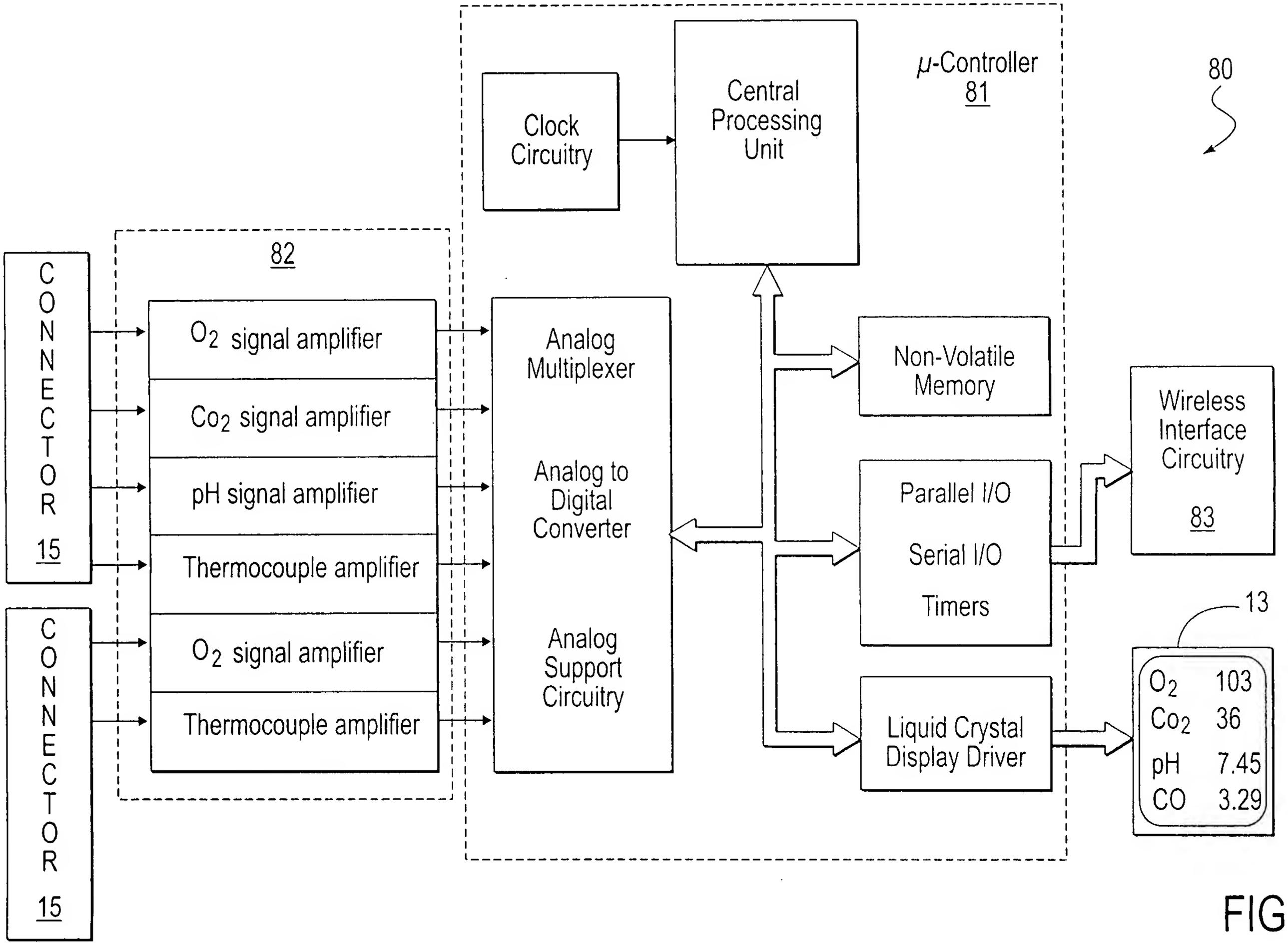

μ-Controller
81
80
Clock Circuitry
Central Processing Unit
82
CONNECTOR
15
O_2 signal amplifier
Co_2 signal amplifier
pH signal amplifier
Thermocouple amplifier
O_2 signal amplifier
Thermocouple amplifier
CONNECTOR
15
Analog Multiplexer
Analog to Digital Converter
Analog Support Circuitry
Non-Volatile Memory
Parallel I/O
Serial I/O
Timers
Liquid Crystal Display Driver
Wireless Interface Circuitry
83
13
O_2 103
Co_2 36
pH 7.45
CO 3.29

FIG. 8